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Owner's Manual

VGA with Serial Over Cat5 Extender Kit

Model: B130-101S

Tested To Comply With FCC Standards

RoHS COMPLIANT

Español 7

Français 13

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Note: *Follow these instructions to ensure proper operation and prevent damage to this device and its connected equipment.*

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Package Contents

- Local and Remote Units
- 3.5 mm Male to DB9 Female Adapter Cable
- 3.5 mm Male to DB9 Male Adapter Cable
- (2) 5V, 2.0A DC Power Supplies
- Owner's Manual
- Screwdriver

Product Features

- Extends a VGA* and serial signal up to 500 ft. (150m) using standard Cat5/5e/6 cable (or up to 1000 ft. at 1024x768 using Zero-Skew UTP cable)
- Remotely operate a serial device such as a touch-screen monitor or barcode scanner
- Provides connections for optional local monitor
- Supports video resolutions up to 1920x1440
- Features built-in Equalization and Gain controls to adjust the video image
- No drivers required

*Supports VGA, SVGA, XGA, UXGA and WUXGA monitors.

Optional Accessories

- P502-Series Monitor Cables with RGB Coax, HD15 Male/ Male
- P520-006 DB9 Male to Female Extension Cable (6 ft.)
- P524-Series Zero-Skew UTP Bulk Cable
- P525-Series Zero-Skew UTP Patch Cables
- N001- or N002-Series Cat5e Patch Cables
- N201-Series Cat6 Patch Cables

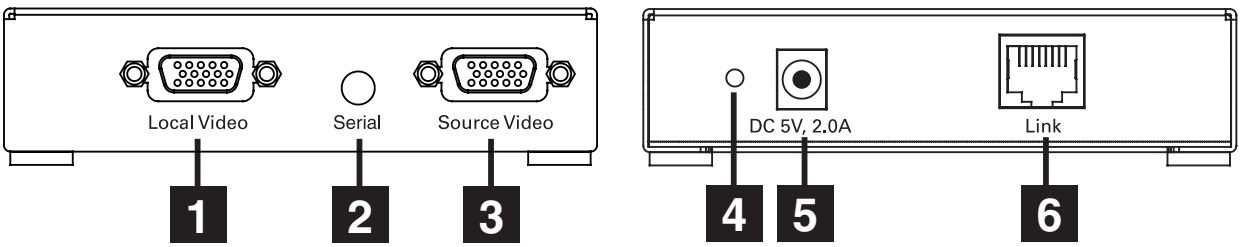
Specifications

Signal Type.....VGA, SVGA, XGA, UXGA and WUXGA
Video Amplifier Bandwidth....350 Mbps
Input DDC Signal .....0.7 Volts p-p (TTL)
Signal Noise Ration .....90 dB
Local Unit Ports .....(2) HD15 Female, (1) 3.5mm Female,
(1) RJ45 Female
Remote Unit Ports.....(1) HD15 Female, (1) 3.5mm Female,
(1) RJ45 Female
Power Supply .....(2) 5V, 2.0A DC Power Supplies
Dimensions (Local Unit).....4.4 x 2.2 x 1.1 (In)
Dimensions (Remote Unit) .....3.7 x 2 x 1.1 (In)
Local Unit Weight.....0.5 lbs (215g)
Remote Unit Weight.....0.4 lbs (187g)

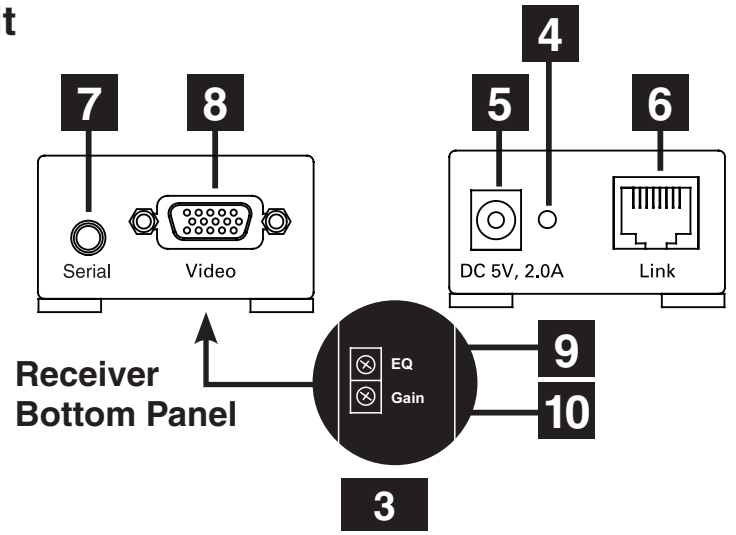
Note: *Specifications are subject to change without notice. Mass and dimensions are approximate; please take the actual products as the standard.*

Panels Layout

Local Unit



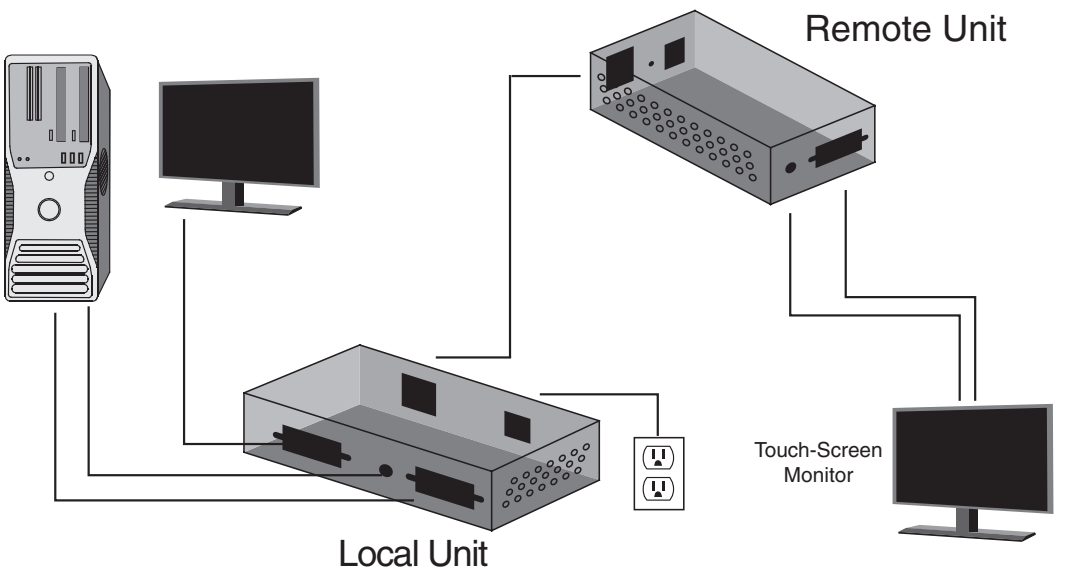
Receiver Unit



Function Description

1. **Local Video-Out Port:** HD15 female connector.
2. **Serial Port:** The included 3.5 mm Male to DB9 Female adapter cable connects here.
3. **Source Video-In Port:** HD15 female connector.
4. **Power LED:** Power LED illuminates when unit is receiving power.
5. **Power Jack:** Power plug for 5V 2.0A DC power supply.
6. **Link:** RJ-45 Modular Jack which connects the Local Unit and the Remote Unit.
7. **Serial Port:** The included 3.5 mm Male to DB9 Male adapter cable connects here.
8. **Remote Video-Out Port:** HD15 female connector.
9. **EQ Adjustment:** Adjust equalization length.
10. **Gain Adjustment:** Adjust brightness.

Installation



Note: *You should test to make sure the entire installation works properly before pulling cables through ceilings/walls.*

1. Connect the HD15 port on the computer to the *Sorce Video* port on the Local Unit using a VGA cable.
2. Connect the included 3.5 mm Male to DB9 Female adapter to the *Serial* port on the Local Unit.

Installation *continued*

3. Connect the DB9 port on the computer to the DB9 port on the adapter cable.
4. (Optional) Connect a local monitor to the Local Video port on the Local Unit using a VGA cable.
5. Connect the external power supply to the power jack on the Local Unit and plug it into an appropriate power source.
6. Connect the RJ45 *Link* ports of the Local and Remote Units using Cat5/5e/6 cable.
7. Connect the HD15 port on the Remote Unit to a monitor.
8. Connect the included 3.5 mm Male to DB9 Male adapter cable to the *Serial* port on the Remote Unit.
9. Connect the DB9 Male port on the adapter cable to the DB9 port of the serial device you are connecting (touch-screen monitor, barcode scanner, etc.)
10. Connect the external power supply to the power jack on the Remote Unit and plug it into an appropriate power source.
11. Turn the display(s) on first.
12. Turn on the computer.
13. If the video on your monitor is either too dark or too light, use the *Gain* adjustment on the Remote Unit.
14. If the video on your monitor is fuzzy, or shows a ghosting effect, use the EQ adjustment on the Remote Unit.

Safety Information

- To reduce the risk of electric shock, do not expose this product to moisture.
- Operate this product using only the included external power supply. Use of other power supplies could impair performance, damage the product, or cause fire.
- Use only recommended accessories to avoid fire, shock or other hazards.
- Unplug this product before cleaning. Use a damp cloth for cleaning. Do not use cleaning fluids or aerosols, which could enter the unit and cause damage, fire or electrical shock.
- Do not attempt to service this unit. Instead, disconnect it and contact your Authorized Reseller or technician.

Safety Information *continued*

- Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended. Do not use this equipment in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide.

Warranty

1-Year Limited Warranty

TRIPP LITE warrants its products to be free from defects in materials and workmanship for a period of one (1) year from the date of initial purchase. TRIPP LITE's obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. To obtain service under this warranty, you must obtain a Returned Material Authorization (RMA) number from TRIPP LITE or an authorized TRIPP LITE service center. Products must be returned to TRIPP LITE or an authorized TRIPP LITE service center with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment which has been damaged by accident, negligence or misapplication or has been altered or modified in any way.

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Warranty Registration

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* No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.

Tripp Lite follows a policy of continuous improvement. Product specifications are subject to change without notice.

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